

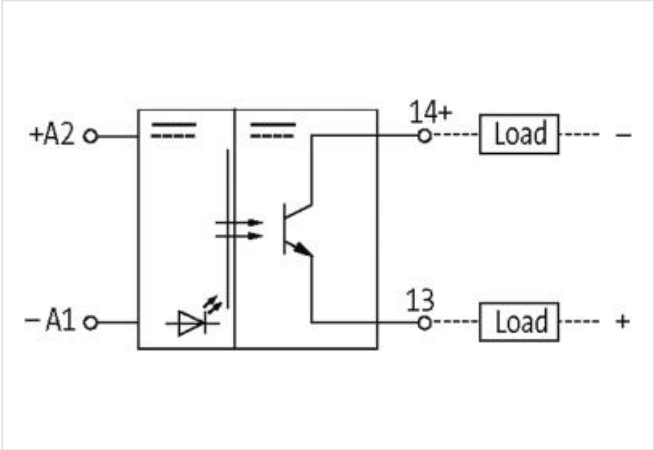
**AMMS 10-1 OPTO-COUPLER MODULE**

IN: 30 VDC - OUT: 48 VDC / 0.5 A

Transistor 0.5 A  
4...30 V DC

[Link to Product](#)

Illustration



Product may differ from Image



| Commercial data |          |
|-----------------|----------|
| ECLASS-6.0      | 27371604 |
| ECLASS-6.1      | 27371604 |
| ECLASS-7.0      | 27371604 |
| ECLASS-8.0      | 27371604 |
| ECLASS-9.0      | 27371604 |
| ECLASS-10.1     | 27371604 |
| ECLASS-11.1     | 27371604 |
| ECLASS-12.0     | 27371604 |

|                       |               |
|-----------------------|---------------|
| ETIM-5.0              | EC001504      |
| customs tariff number | 85414900      |
| GTIN                  | 4048879028080 |
| Packaging unit        | 1             |

**Electrical data | Input**

|                           |       |
|---------------------------|-------|
| Input voltage OFF DC min. | 0 V   |
| Input voltage OFF DC max. | 2 V   |
| Input voltage DC min.     | 4 V   |
| Input voltage DC max.     | 30 V  |
| Input current max.        | 10 mA |

**Electrical data | Output**

|                                    |         |
|------------------------------------|---------|
| Switch off delay max.              | 20 ms   |
| Quiescent current OFF max.         | 0,3 mA  |
| Switching frequency inductive max. | 10 Hz   |
| Switching frequency ohmic max.     | 7000 Hz |
| Voltage switching DC min.          | 4,5 V   |
| Switching voltage DC max.          | 44 V    |
| Switching current min.             | 1 mA    |
| Switching current max.             | 0,5 A   |
| Voltage drop DC max.               | 1,2 V   |

**Diagnostics**

|                       |     |
|-----------------------|-----|
| Status indication LED | red |
|-----------------------|-----|

**Device protection | Electrical**

|                          |        |
|--------------------------|--------|
| Rated insulation voltage | 3750 V |
|--------------------------|--------|

**Device protection | Media**

|                  |                 |
|------------------|-----------------|
| Flame resistance | flame retardant |
|------------------|-----------------|

**Mechanical data | Material data**

|                  |         |
|------------------|---------|
| Color housing    | black   |
| Material housing | Plastic |

**Mechanical data | Mounting data**

|                            |                                     |
|----------------------------|-------------------------------------|
| Mounting method            | geschnappt                          |
| Suitable for mounting type | Mounting rail TH35, G32, (EN 60715) |
| Height                     | 63 mm                               |
| Width                      | 11,8 mm                             |
| Depth                      | 56 mm                               |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -20 °C |
| Operating temperature max. | 60 °C  |

**Connection type 2**

|                          |                    |
|--------------------------|--------------------|
| Connection type 1        | Input              |
| Connection type 2        | Output             |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| No. of poles             | 2                  |
| PIN 1                    | - A 1              |
| PIN 2                    | + A 2              |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| No. of poles             | 2                  |

|       |      |
|-------|------|
| PIN 1 | 13   |
| PIN 2 | + 14 |